

1800 DS

RM-8632

AUDIO 8

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Mr. William F. Caton, Secretary
Federal Communications Commission
Washington, D.C. 20554

Re: Amendment of Section 73.202(b),
FM Table of Allotments
Pasco, Washington
(Mr. Martin L. Gibbs (Petitioner))

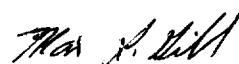
DOCKET FILE COPY ORIGINAL

Dear Mr. Caton:

Transmitted herewith is an original and four copies of the above-referenced, to begin rule making.

Should further information be required regarding this matter, please communicate directly with me.

Very truly yours,



Martin L. Gibbs
1708 Road 52
Pasco, WA 99301

(Petitioner)

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

DOCKET FILE COPY ORIGINAL

In the Matter of)	
)	
Amendment of Section 73.202(b))	MM Docket _____
Table of Allotments,)	RM - _____
FM Broadcast Stations)	
(Pasco, Washington))	

To: Chief, Policy and Rules Division

PETITION FOR RULE MAKING

Comes now Martin L. Gibbs, (hereafter "Petitioner"), pursuant to Section 1.401(a) of the Commission's Rules, and respectfully request the Commission to institute a rule making proceeding to allocate FM Channel 229A to Pasco, Washington, as that community's third local FM service.

Proposal of Petitioner

	<u>Channel Numbers</u>	
<u>City</u>	<u>Present</u>	<u>Proposed</u>
Pasco, Washington	252A, 267C3	229A, 252A, 267C3

In support of this proposal, the following information is submitted for consideration:

1. Pasco is an incorporated city located in Franklin County, Washington. The city population is 20,337 and the county population is 37,473 1/. Attached is Exhibit No. 1 which shows the location of Pasco and Franklin County within Washington State. Pasco is the county seat of Franklin County.

2. Adoption of this proposal will provide Pasco with its third local FM service, on the table of allotments, under Section 73.202(b). 2/

3. If this proposal is adopted, Petitioner will promptly apply for authority to construct and operate a new FM station at Pasco, Washington. If a construction permit is granted, Petitioner will promptly construct and operate the proposed station.

4. Attached hereto and made a part of this petition is an Engineering Exhibit in support of the requested allotment. Based on the information contained therein, it appears that the requested channel could be allocated to Pasco, Washington in full compliance with the minimum distance separation requirements of Section 73.207 of the Commission's Rules, with a site restriction as specified in the Engineering Exhibit.

5. The proposed change in the table of allotments will not create a short-spacing to any existing station, pending application or vacant allotment and will not require relocation of any station, pending applicant or vacant allotment.


1/ Population figures are from the 1990 U.S. Census.

2/ Station KOLU (FM) 90.1 MHz does not appear on the allotment table. KOLU (FM) operates as a non-commercial station.

6. In addition to considering the minimum distance separation required of Section 73.207 the Petitioner has provided in the attached Engineering Study, technical information concerning transmitter location (73.315), and coverage of the most distant City boundary of Pasco, Washington with greater than 70 dBu signal. As shown on technical exhibits, there is ample area in which to locate a transmitter and antenna site which will provide service to the City of Pasco, Washington without request of waivers of the various coverage rules.

WHEREFORE, the premises considered, Mr. Martin L. Gibbs, respectfully request the Commission amend the FM Table of Allotments to reflect the allotment of Channel 229A to Pasco, Washington.

Respectfully submitted,

By 

Mr. Martin L. Gibbs
1708 Road 52
Pasco, WA 99301

(Petitioner)

COUNTY MAP SERIES

1:100 000 SCALE



• -- County Seat

EXHIBIT NO. 1

ENGINEERING EXHIBITS
IN SUPPORT OF
ALLOTMENT OF FM CHANNEL 229A
TO PASCO, WASHINGTON

Mr. MARTIN L. GIBBS
(PETITIONER)

KENNETH WILLIAMS, Jr. P.E.
Consulting Engineer
Tacoma, Washington 98407
(206) 756-7544 FAX (206) 752-5145

ENGINEERING STATEMENT IN SUPPORT OF
A PROPOSAL TO ADD FM CHANNEL 229A
TO PASCO, WASHINGTON

Mr. Martin L. Gibbs (Petitioner)

The following Engineering data supports a request of Mr. Martin L. Gibbs, of Pasco, Washington to amend the FM table of Allotments in Section 73.202(b) of the Commission's Rules. We are requesting channel 229A be added to the FM Table of Allotments as a drop in channel, to Pasco, Washington.

The addition of FM channel 229A may be made as a drop in channel, without other channels being moved, deleted or changed.

All distance figures used in this report are metric and calculations were, made using methods specified in Section 73.208 of the FCC Rules. All distances were in reference to the restricted site coordinates, Southwest of Pasco. 1/

A complete class A channel study is shown as attached Figure 1 and Figure 2. All channel spacings in these figures are within the Commission's current minimum separation requirements at the petitioner's proposed transmitter and antenna site.

With the use of a restricted site Southwest of Pasco, Washington an Allotment of channel 229A may be made to Pasco, Washington.1/

The site would place Pasco within the 70 DBU contour, as shown in Figure 5, and will not cause short spacing to existing or proposed stations in the U.S. or Canada.

1/ Restricted Site Coordinates: N. 46°08'49" W. 119°12'36"
Location 7.7 miles / 12.5 kilometers Southwest of Pasco.

KENNETH WILLIAMS, Jr., P.E. - Consulting Engineer - Tacoma, WA

ENGINEERING STATEMENT Cont.

The proposed service contours of 70 and 60 DBU, were drawn by a plotter driven with the tabulated data shown in Figure 6. Average terrain for the site was determined by the NGDC 30-second data base for the Coordinates of the restricted site. The data shown on Figure 3 are the values of antenna center above mean sea level, average terrain of site and station ERP which were used to construct the coverage map of Figure 5.

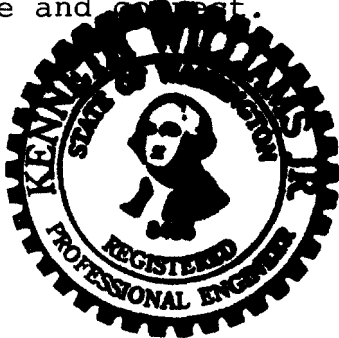
Attached Figure 4, shows the area to which the allotment could be made without short spacing to other stations. For the purpose of this petition a ground elevation of 1150 feet (350 meters) was used for the site.

While we are not required to protect FM Translators, we have considered what possible harm may result to these stations if channel 229A is allotted to Pasco. A list of operating Translators are shown as Figure 7. It is apparent due to distance and frequency separation our proposal does not impact any existing or proposed FM Translator operation.

Based in the data at hand it appears channel 229A may be allotted to Pasco, Washington as that community's third local FM service.

STATE OF WASHINGTON)
) ss
COUNTY OF PIERCE)

The Engineering data herein, was prepared by him or under his direct supervision and all representation of fact contained in said report is based on affiants measurements, information and belief and he believes all such statements herein to be true and correct.



ENGINEERS STATE SEAL

EXPIRES: 7-15-95

Sworn to before me, Paul Anniston Williams a
Notary Public of Tacoma, Washington, on this 9th
day of February, 1995.

My Commission Expires April 4, 1995.

OFFICIAL SEAL
LOU ANN JEAN WILLIAMS
Notary Public State of Washington
My Comm. Expires 4-4-95

Reference Coordinates are 7.7 miles / 12.5 kilometers
Southwest of Pasco, Washington.

CLASS A FM CHANNEL STUDY

** CHANNEL 229 **

REFERENCE SITE - PASCO, WASHINGTON

N. 46 8 49 W. 119 12 36

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=====
Channel Data Call City State File No. Az-Deg D-Km. R-Km.[Km.MARGIN]
=====
226C2 FA VAC Omak WA 352.6 247.5 55 192.5 Clear
227C1 FM LIC KTELFM Walla Walla WA BLH911202KA 102.4 82.0 75 7.0 Clear
228A FR DEL Chelan WA RM8265 345.1 196.1 72 124.1 Clear
228A FM LIC KOZIFM Chelan WA BMLH910204KE 345.1 196.1 72 124.1 Clear
229C FM LIC KDRKFM Spokane WA BLH7372 45.7 226.5 226 0.5 Clear
229C2 FR ADD East Wenatchee WA RM8265 327.8 167.5 166 1.5 Clear
230C2 FM APP NEW Ephrata WA BPH930721MC 351.2 136.0 106 30.0 Clear
230C2 FA VAC Ephrata WA 348.8 121.7 106 15.7 Clear
230C2 FR DEL Ephrata WA RM8265 348.8 121.7 106 15.7 Clear
231C FM LIC KCLKFM Clarkston WA BLH831227AC 78.0 166.0 95 71.0 Clear
231C FM LIC KMPSFM Seattle WA BLH890912KB 305.6 259.2 95 164.2 Clear
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Current Rules Spacing

>>>>> END OF CHANNEL 229 SEARCH <<<<<

DISTANCE TO CHANNELS 10.6-10.8 MHz SPACING

FM WITHIN 200 km
 ** CHANNELS 282 TO 283 **

REFERENCE SITE - PASCO, WASHINGTON

N. 46 8 49 W. 119 12 36

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=====
Owner/Applicant          (m) (kw) (m)
CHANNEL CALL CITY      Horz->AHAAT/ERP/AMSL LATITUDE (deg) (km)
& CLASS STATUS STATE FILE No. Vert->AHAAT/ERP/AMSL LONGITUDE AZIMUTH DIST
=====
104.3 Mhz. Radio Palouse, Inc.
282 C1 KHTR Pullman 509 24.0 1405 46-48-40 67.3 191.0
FM LIC WA BLH 870112KB 509 24.0 1405 116-54-55

104.5 Mhz. Mid Columbia Broadcasting, Inc.
283 C KMCQ The Dalles 610 100. 998 45-42-41 251.9 155.7
FM LIC OR BLH 850916KS 610 100. 998 121- 7- 7
  
```

>> END OF FM WITHIN 200 km STUDY <<

TERRAIN ELEVATION INFORMATION

NGDC 30-SECOND DATA

FROM SITE AT:

N. 46° 08' 49"

W. 119° 12' 36"

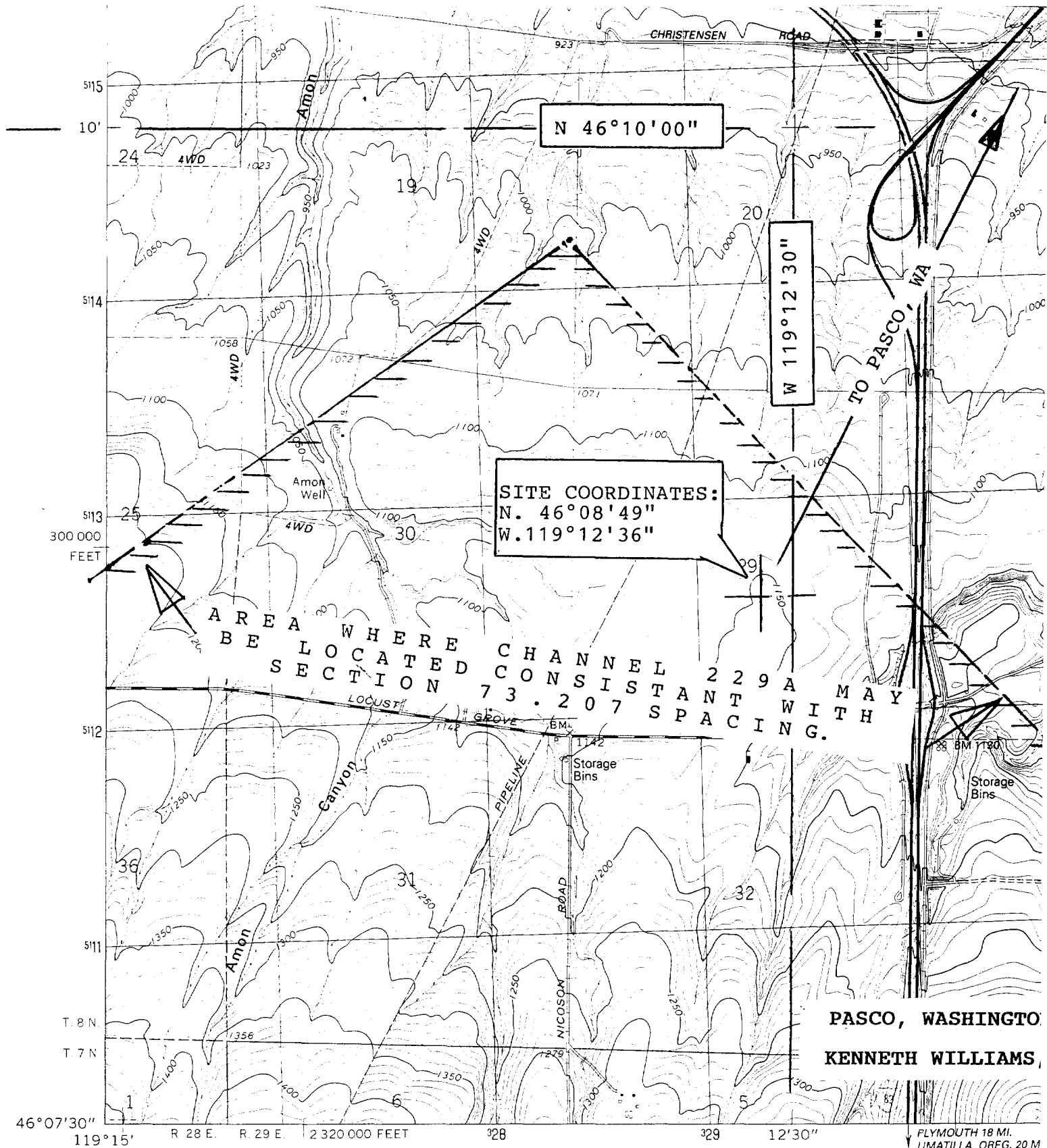
Azimuth in Deg.	Distance in km.	Elevation in meters
.0	16	158.5
45.0	16	146.0
90.0	16	196.1
135.0	16	486.0
180.0	16	411.2
225.0	16	481.3
270.0	16	468.0
315.0	16	258.6
Eight Radial (3-16 km)	Average	325.7 m.
City 26°	16	146.6 *

* Not included in average elevation figures.

Service Contours are based on the following:

Antenna Center AMSL	420 meters
Average Terrain	325 meters
Antenna HAAT	70 meters
Station ERP in DBK	7.78 DBK (6 KW)

Map of coverage shown as figure 5.
Tabulated coverage shown as figure 6.



Produced by the United States Geological Survey

Control by USGS and NOS/NOAA

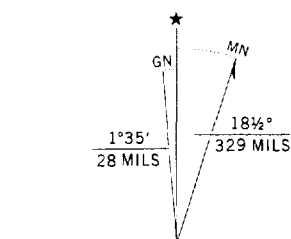
Compiled from aerial photographs taken 1959. Revised from aerial photographs taken 1988. Field checked 1990. Map edited 1992 Underwater contours by USCE

North American Datum of 1927 (NAD 27). Projection and 10 000-foot grid ticks: Washington Coordinate System, south zone (Lambert Conformal Conic). 1000-meter Universal Transverse Mercator grid, zone 11

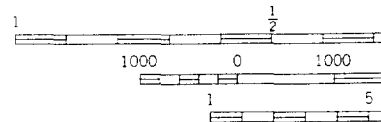
The difference between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875. The NAD 83 is shown by dashed corner ticks

Red tint indicates areas in which only landmark buildings are shown

Fine red dashed lines indicate selected fence and field lines where



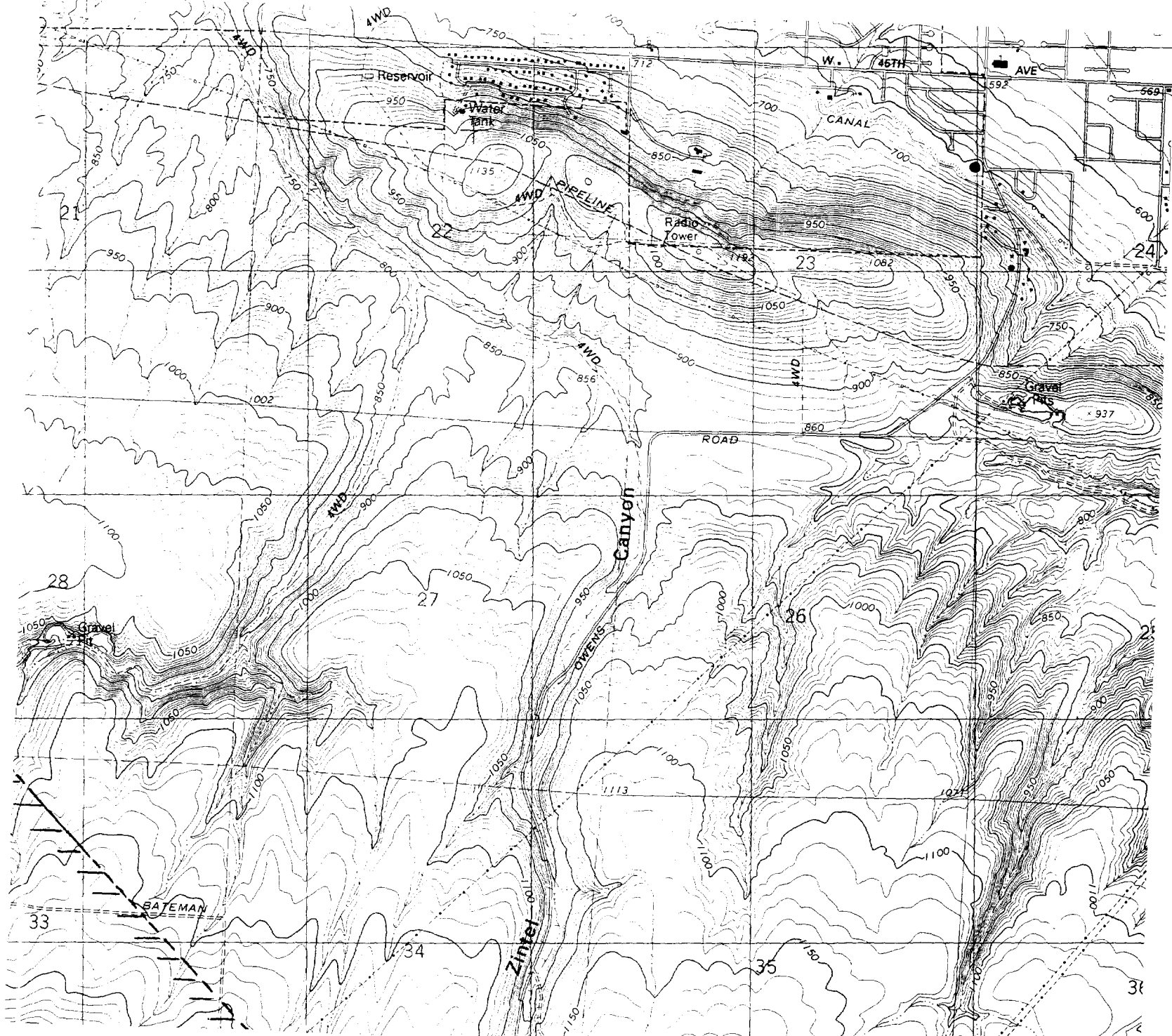
UTM GRID AND 1992 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



C
DOTTED
NATIONAL

THIS MAP COMPLIES
FOR SA
DENVER, COLO
A FOLDER DESCRIBING TOPOG

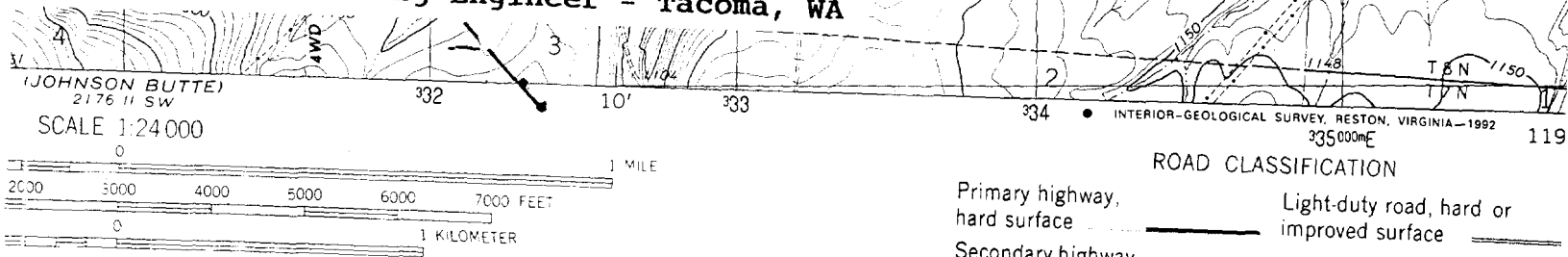
AYLOR CANYON
2176 III SE



- CHANNEL 229A - FIGURE 4

Page 7 of 10

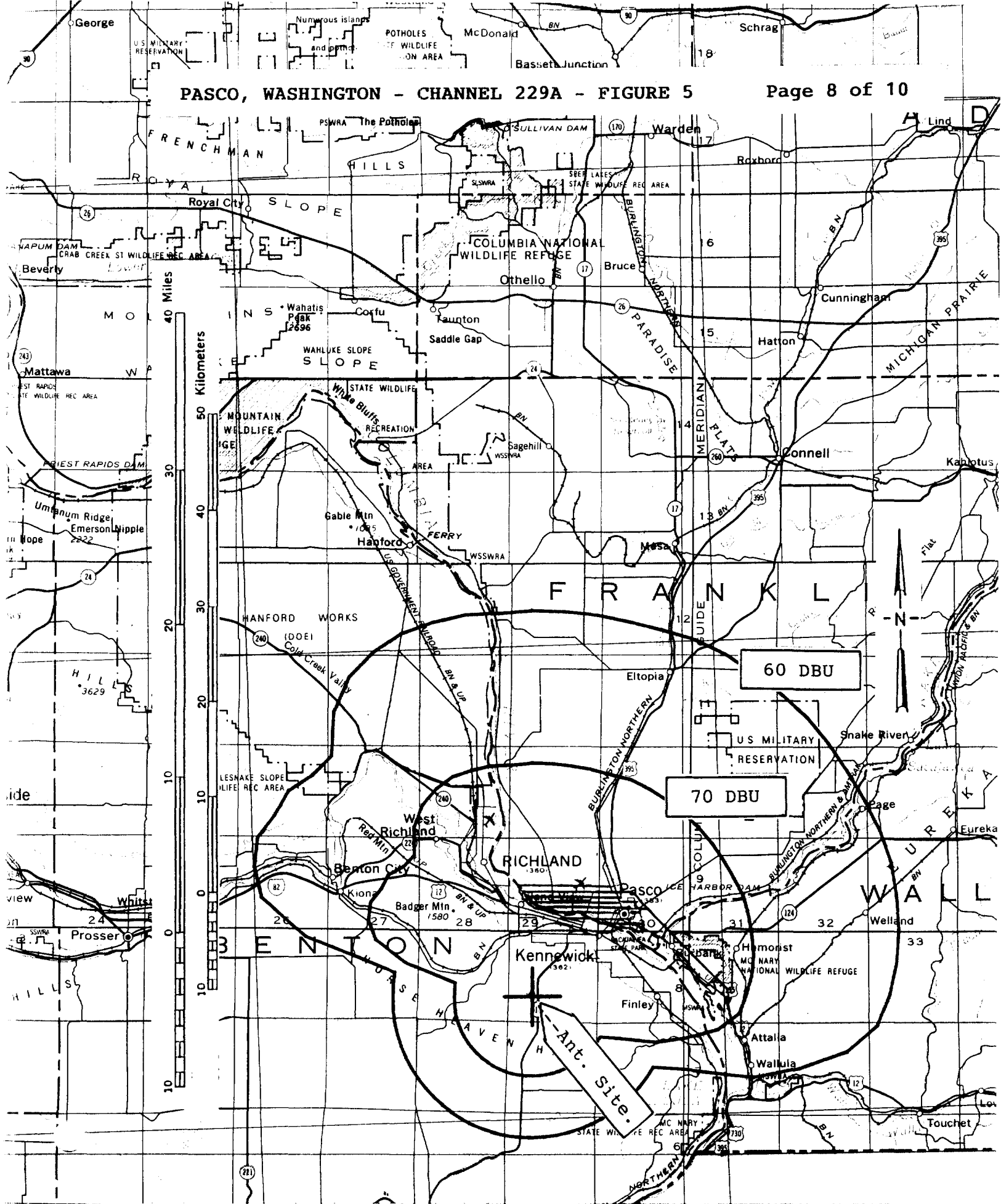
Jr., P.E. - Consulting Engineer - Tacoma, WA



FOUR INTERVAL 10 FEET
 NES REPRESENT 5-FOOT CONTOURS
 GEODETIC VERTICAL DATUM OF 1929

WITH NATIONAL MAP ACCURACY STANDARDS
 BY U.S. GEOLOGICAL SURVEY
 DO 80225, OR RESTON, VIRGINIA 22092
 APHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

KENNEWICK, WASI
 46119-B2-TF-024



DISTANCES TO CONTOURS (Kilometers) :

Frequency: 93.7000 MHz

Coordinates: N 46 8 49 W 119 12 36

F(50,50) Curves Number of Contours:

AZ (degs)	HAAT (m)	ERP (dBk)	CONTOUR LEVELS (dBu):		AZ (degs)	HAAT (m)	ERP (dBk)	CONTOUR LEVELS	
			70.0	60.0				70.0	60.0
.0	262	6.77	24.8	41.0	185.0	18	6.77	8.4	15.0
5.0	262	6.77	24.8	41.0	190.0	14	6.77	8.4	15.0
10.0	263	6.77	24.8	41.1	195.0	7	6.77	8.4	15.0
15.0	263	6.77	24.9	41.1	200.0	3	6.77	8.4	15.0
20.0	267	6.77	25.0	41.3	205.0	-11	6.77	8.4	15.0
25.0	273	6.77	25.3	41.7	210.0	-25	6.77	8.4	15.0
30.0	274	6.77	25.3	41.8	215.0	-36	6.77	8.4	15.0
35.0	273	6.77	25.3	41.7	220.0	-49	6.77	8.4	15.0
40.0	273	6.77	25.3	41.7	225.0	-61	6.77	8.4	15.0
45.0	274	6.77	25.3	41.8	230.0	-63	6.77	8.4	15.0
50.0	271	6.77	25.2	41.6	235.0	-74	6.77	8.4	15.0
55.0	268	6.77	25.1	41.4	240.0	-89	6.77	8.4	15.0
60.0	266	6.77	25.0	41.3	245.0	-90	6.77	8.4	15.0
65.0	267	6.77	25.0	41.3	250.0	-85	6.77	8.4	15.0
70.0	263	6.77	24.8	41.1	255.0	-81	6.77	8.4	15.0
75.0	255	6.77	24.5	40.6	260.0	-75	6.77	8.4	15.0
80.0	249	6.77	24.2	40.1	265.0	-64	6.77	8.4	15.0
85.0	237	6.77	23.7	39.4	270.0	-48	6.77	8.4	15.0
90.0	224	6.77	23.0	38.5	275.0	-27	6.77	8.4	15.0
95.0	208	6.77	22.3	37.3	280.0	14	6.77	8.4	15.0
100.0	173	6.77	20.3	34.4	285.0	85	6.77	14.1	25.2
105.0	124	6.77	17.1	29.8	290.0	137	6.77	17.9	31.0
110.0	86	6.77	14.2	25.3	295.0	158	6.77	19.4	33.0
115.0	47	6.77	10.4	18.4	300.0	170	6.77	20.1	34.1
120.0	-3	6.77	8.4	15.0	305.0	167	6.77	19.9	33.8
125.0	-44	6.77	8.4	15.0	310.0	171	6.77	20.2	34.2
130.0	-65	6.77	8.4	15.0	315.0	161	6.77	19.6	33.4
135.0	-66	6.77	8.4	15.0	320.0	163	6.77	19.7	33.5
140.0	-62	6.77	8.4	15.0	325.0	205	6.77	22.1	37.1
145.0	-66	6.77	8.4	15.0	330.0	236	6.77	23.6	39.3
150.0	-64	6.77	8.4	15.0	335.0	253	6.77	24.4	40.4
155.0	-50	6.77	8.4	15.0	340.0	264	6.77	24.9	41.1
160.0	-42	6.77	8.4	15.0	345.0	265	6.77	24.9	41.2
165.0	-32	6.77	8.4	15.0	350.0	265	6.77	24.9	41.2
170.0	-11	6.77	8.4	15.0	355.0	260	6.77	24.7	40.9
175.0	-1	6.77	8.4	15.0	360.0	261	6.77	24.8	41.0
180.0	9	6.77	8.4	15.0					

FM TRANSLATORS WITHIN 200 Km.
CHANNELS 226 to 232

REFERENCE SITE - PASCO, WASHINGTON				N. 46 8 49		W. 119 12 36	
CHANNEL	CALL	Owner/Applicant		(m)	(kw)	(m)	
& CLASS	STATUS	CITY	Horz->AHAAT/ERP/AMSL	LATITUDE	(deg)	(km)	
		STATE	FILE No.	Vert->AHAAT/ERP/AMSL	LONGITUDE	AZIMUTH	DIST
228 A	FR DEL	Hartline Broadcasters Chelan	WA RM 8265		47-51- 7 119-52-18	345.1	196.1
228 D	K228CX FX LIC	Gregory L. Ditton Wenatchee, etc.	WA BLFT 891201TC	.048 1105	47-30-33 120-14-22	332.6	170.6
228 D	NEW-T FX APP	Power Du Pree Broadcasting Company Yakima	WA BPFT 870331YJ	.140 687	46-31-40 120-31- 6	292.8	109.2
229 C2	FR ADD	Hartline Broadcasters East Wenatchee	WA RM 8265		47-25-18 120-22-53	327.8	167.5
230 C2	FR DEL	Hartline Broadcasters Ephrata	WA RM 8265		47-13-16 119-31-12	348.8	121.7
232 D	K232CV FX LIC	T & J Broadcasting, Inc. Ellensburg	WA BLFT 940519TD	348 .036 982	46-53-13 120-26-26	311.1	125.2
232 D	K232CK FX LIC	State of Oregon, etc. Hood River	OR BLFT 870403TA	.040 797	45-44-32 121-34-46	256.2	189.1
232 D	K232CB FX LIC	Columbia Theatre Company Pendleton	OR BLFT 860327TZ	.009 353	45-40- 4 118-46-52	148.0	62.8
232 D	K232AN FX LIC	Peoples TV Association, Inc. Ephrata, etc.	WA BLFT 810601IE	.041 616	47-18-56 119-35- 8	347.5	133.0

>> END OF FM WITHIN 200 km STUDY <<

KENNETH WILLIAMS, Jr., P.E. - Consulting Engineer - Tacoma, WA